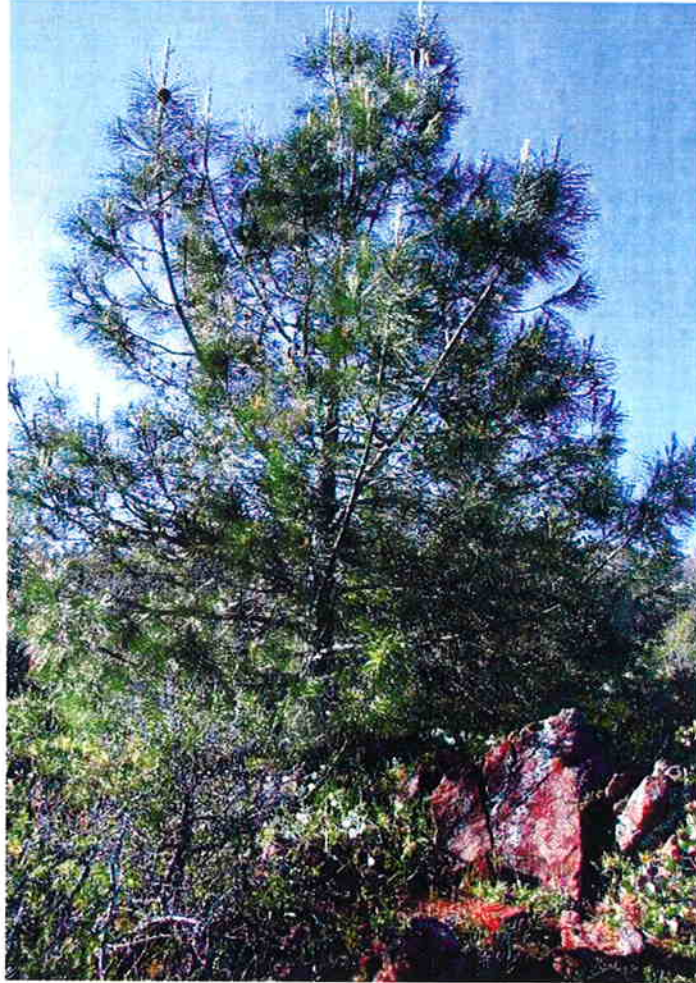


Pine Hill Preserve Management Plan



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October, 2007

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- Appendix 2. Plant Species list**
- Appendix 3. Animal Species list**
- Appendix 4. Property Analysis Record**

I. INTRODUCTION

The Pine Hill Preserve (Preserve) was established in April 2001 to ensure that habitat for eight rare plant species, growing on gabbro soils at western El Dorado County (EDC), would be protected from factors threatening survival and recovery of the rare plants.

The gabbro is a unique soil formation in western EDC that supports chaparral, woodland and grassland habitat types. The soil, rolling topography, and Mediterranean climate in the area combine to sustain about 10% of the total California plant diversity.

In addition to plant species richness, several rare and endemic plant species exist in the habitat types of the gabbro soil formation. Five of the eight rare plant species protected at the Preserve are listed under the Federal Endangered Species Act and/or the California Endangered Species Act. Four of the eight rare plants are also endemic to gabbro soils in western EDC.

Habitat destruction and fragmentation due to housing and commercial development, and the alteration of favorable fire regimes in western EDC are the two main threats for the rare plants and their habitats. Currently, the Preserve provides protection and management for 4,042 acres of rare plant habitat, and 3,154 of these acres lie within a US Fish and Wildlife Service (FWS) 5,000-acre area designated for the recovery of the federally listed rare plants.

A Cooperative Management Agreement (Agreement) among nine local, State and federal agencies and one private organization enables the Preserve to work in coordination with the different partners to increase protection of rare plant habitat and to provide the best management alternatives to maintain the rare plant populations' viability.

Although this Management Plan (Plan) focuses on publicly owned lands within the Pine Hill Preserve boundaries, it may also serve as a guide for management of adjacent public and privately owned lands within the gabbro soil formation that can be set aside and/or

managed for rare plant conservation purposes. This Plan was reviewed by the different parties of the Agreement and a draft Environmental Assessment document for the Plan will be presented for public review during the Summer, 2007. After comments are received and addressed, the final Plan will be approved by all the parties of the Agreement, who will become signatory parties of this Plan.

Mission of the Pine Hill Preserve

The mission of the Preserve is to conserve in perpetuity the rare plant species and plant communities of the western EDC gabbro soil formation.

Purpose of this Management Plan

This Plan will coordinate management activities at the Preserve with actions undertaken by federal, State and local agencies, conservation organizations and private land owners to fulfill the mission of the Preserve. The Plan will also guide management activities at the Preserve and will serve as basis for future consultation with State and federal wildlife agencies to evaluate impacts of management on the rare plants.

This Plan describes physical and biological characteristics of the Preserve. It also identifies management challenges and funding needs, outlines implementation of management activities and proposes strategies designed to conserve the rare plants and their habitats. This Plan will be updated a minimum of every five years or more frequently, as needed, to allow for changes in management strategies as identified through monitoring and research projects and evaluation of implemented management activities.

Preserve Goals

- 1) Protect and manage gabbro soil rare plant habitat areas in western EDC to ensure their conservation and recovery.

- 2) Promote and conduct research to find the best management techniques to aid in the conservation and recovery of the gabbro soil rare plants.